

Inspection Report

This report is created by

LAUNCH

Vehicle Information

VIN: 4JGFB8GB*****

Vehicle manufacturer/model: Mercedes/GLE-Class

Year of manufacture:

Odometer:

Vehicle Software Version: V50.16

Inspection Organization

Name:

Address:

Contact Number: ☎

SN:

Time and date of inspection: 2023-09-29 12:51:52

Inspection Location: 📍

Inspection Result

There are 2 issues for Safety and Security system:

1. There is an internal control unit fault in the processor. There is a runtime error.
2. Implausible data were received from control unit "Radar sensorics". The instruction counter is not updated.

There are 13 issues for Vehicle body system:

1. The position sensor of the actuator motor for seat cushion inclination has a malfunction. The signal is not present.
2. Communication with the electronic ignition lock has a malfunction. The message is missing.
3. Communication with the overhead control panel has a malfunction. The message is missing.
4. Communication with temperature-controlled cup holder 1 has a malfunction. The message is missing.
5. The calibration drive has not yet been completed successfully. _
6. Implausible data were received from the control unit "Head unit". There is an invalid signal.
7. The navigation software is faulty or invalid. _
8. Communication with the electronic ignition lock has a malfunction. The message is missing.
9. Implausible data were received from the control panel "Head unit". There is an incorrect signal.
10. Radar sensor 1 is disrupted by interference from an external transmitter. _
11. Control unit "Hand motion sensor" has a malfunction. There is an internal fault.
12. Communication with one or more color generation and coupling modules on LIN bus 6 has a malfunction. The message is missing.
13. Communication with the control unit "Head unit" has a malfunction. There is an incorrect signal.

There are 2 issues for Infotainment system:

1. The specified and actual configurations of the MOST components are different. _

2.The watchdog function has detected an internal software error._

Inspections are normal for Power system

- 1.DTR - DISTRONIC
- 2.TCM - Transmission Control Module
- 3.VG - Transfer Case
- 4.ME - Motor Electronics

Inspections are normal for Chassis system

- 1.TPM - Tire Pressure Monitor

Inspections are normal for Safety and Security system

- 1.SCM - Steering Column Module
- 2.PTS - PARKTRONIC
- 3.SG-AWF - COLLISION PREVENTION ASSIST
- 4.ES - Electrical Power Steering

Inspections are normal for Vehicle body system

- 1.DCU-LF - Left Front Door
- 2.ESA Front Passenger - Electrical Seat Adjustment Front Passenger
- 3.MKS-RF - Right Front Multicontour Seat
- 4.SG-SW-L - Left Headlamp
- 5.SG-EM - Power Electronics
- 6.Control Unit For Telematics Services
- 7.PTCU - Control Unit 'Powertrain'
- 8.EZS - Electronic Ignition Lock
- 9.RevETR-LF - Left Front Reversible Emergency Tensioning Retractor
- 10.DCU-RR - Right Rear Door
- 11.DCU-LR - Left Rear Door
- 12.FSCU - Fuel Pump
- 13.Trailer Recognition Module - Trailer Recognition
- 14.SG - LML - VR - LED Matrix Of Right Front Lamp Unit
- 15.HKS - Tailgate Control
- 16.RevETR-RF - Right Front Reversible Emergency Tensioning Retractor
- 17.Right rear suspension strut
- 18.MTAS - Mobile Phone Cradle
- 19.SG-SW-R - Right Headlamp
- 20.AAC - Air Conditioning
- 21.DCU-RF - Right Front Door
- 22.MKS-LF - Left Front Multicontour Seat
- 23.IC - Instrument Cluster
- 24.NBR-RR - Right Rear Short Range Radar
- 25.SG - LML - VL - LED Matrix Of Left Front Lamp Unit
- 26.DDW - DC/DC Converter
- 27.SG-SOGE -Sound Generator For Electric Vehicle
- 28.Left front suspension strut
- 29.HUD - Head-up display
- 30.Driver-side SAM - Front Signal Acquisition And Actuation Module
- 31.NBR-LR - Left Rear Short Range Radar
- 32.LRE - Steering Wheel Electronics

- 33.Left rear suspension strut
- 34.Starter-alternator
- 35.Right front suspension strut
- 36.NBR-LF - Left Front Short Range Radar

Inspections are normal for Infotainment system

- 1.ZAN - Audio/COMAND Display
- 2.SOUND - Sound System
- 3.TPAD - Touchpad

Professional Report

DTR - Distronic	Normal ▼
TCM - Transmission Control Module	Normal ▼
DCU-LF - Left Front Door	Normal ▼
ESA Front Passenger - Electrical Seat Adjustment Front Passenger	Normal ▼
MKS-RF - Right Front Multicontour Seat	Normal ▼

ESA Driver - Electrical Seat Adjustment Driver	Abnormal 1 ^
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DTC Qty (1)

B1D7031	The position sensor of the actuator motor for seat cushion inclination has a malfunction.The signal is not present.	STORED
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SG-SW-L - Left Headlamp	Normal ▼
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SG-EM - Power Electronics	Normal ▼
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SD - Sliding Roof/Panoramic Sliding Sunroof	Abnormal 2 ^
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DTC Qty (2)

U016887	Communication with the electronic ignition lock has a malfunction.The message is missing.	STORED
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U016987	Communication with the overhead control panel has a malfunction.The message is missing.	STORED
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ZAN - Audio/COMAND Display	Normal ▼
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Control Unit For Telematics Services Normal ▾

SCM - Steering Column Module Normal ▾

REAR SAM - Rear Signal Acquisition And Actuation Module Abnormal 1 ▲

DTC Qty (1)

U114287 Communication with temperature-controlled cup holder 1 has a malfunction.The message is missing. STORED

VG - Transfer Case Normal ▾

PTCU - Control Unit 'Powertrain' Normal ▾

ME - Motor Electronics Normal ▾

EZS - Electronic Ignition Lock Normal ▾

RevETR-LF - Left Front Reversible Emergency Tensioning Retractor Normal ▾

DCU-RR - Right Rear Door Normal ▾

DCU-LR - Left Rear Door Normal ▾

FSCU - Fuel Pump Normal ▾

Trailer Recognition Module - Trailer Recognition Normal ▾

SG - LML - VR - LED Matrix Of Right Front Lamp Unit Normal ▾

HKS - Tailgate Control Normal ▾

RevETR-RF - Right Front Reversible Emergency Tensioning Retractor Normal ▾

Right rear suspension strut Normal ▾

PTS - PARKTRONIC Normal ▾

MTAS - Mobile Phone Cradle Normal ▾

MFK - Multifunction Camera Abnormal 2 ▲

DTC Qty (2)

B228700 The calibration drive has not yet been completed successfully. STORED

U142729

Implausible data were received from the control unit "Head unit".There is an invalid signal.

STORED

Mercedes-Benz Intelligent Drive

Abnormal 1 ^

DTC Qty (1)

B1FFCFF

The navigation software is faulty or invalid._

STORED

SG-SW-R - Right Headlamp

Normal v

AAC - Air Conditioning

Normal v

DCU-RF - Right Front Door

Normal v

MKS-LF - Left Front Multicontour Seat

Normal v

IC - Instrument Cluster

Normal v

NBR-RR - Right Rear Short Range Radar

Normal v

KAR - Augmented Reality Camera

Abnormal 2 ^

DTC Qty (2)

U016887

Communication with the electronic ignition lock has a malfunction.The message is missing.

STORED

U142686

Implausible data were received from the control panel "Head unit".There is an incorrect signal.

STORED

ESP - Electronic Stability Program

Abnormal 1 ^

DTC Qty (1)

P060647

There is an internal control unit fault in the processor.There is a runtime error.

STORED

Audio - Audio Or COMAND

Abnormal 2 ^

DTC Qty (2)

B227B00	The specified and actual configurations of the MOST components are different._	STORED
B227D00	The watchdog function has detected an internal software error._	STORED
SG - LML - VL - LED Matrix Of Left Front Lamp Unit		Normal ▾
SOUND - Sound System		Normal ▾
NBR-RF - Right Front Short Range Radar		Abnormal 1 ^
DTC Qty (1)		
C111A00	Radar sensor 1 is disrupted by interference from an external transmitter._	STORED
GES - Hand Motion Sensor		Abnormal 1 ^
DTC Qty (1)		
B11D804	Control unit "Hand motion sensor" has a malfunction.There is an internal fault.	STORED
DDW - DC/DC Converter		Normal ▾
SG-SOGE -Sound Generator For Electric Vehicle		Normal ▾
Left front suspension strut		Normal ▾
HUD - Head-up display		Normal ▾
Driver-side SAM - Front Signal Acquisition And Actuation Module		Normal ▾
AML - Ambiance Light		Abnormal 1 ^
DTC Qty (1)		
U112787	Communication with one or more color generation and coupling modules on LIN bus 6 has a malfunction.The message is missing.	STORED
ABC - Active Body Control		Abnormal 1 ^

DTC Qty (1)

U014786

Communication with the control unit "Head unit" has a malfunction. There is an incorrect signal.

STORED

SG-AWF - COLLISION PREVENTION ASSIST

Normal ▾

NBR-LR - Left Rear Short Range Radar

Normal ▾

TPM - Tire Pressure Monitor

Normal ▾

LRE - Steering Wheel Electronics

Normal ▾

Left rear suspension strut

Normal ▾

Starter-alternator

Normal ▾

SRS - Supplemental Restraint System

Abnormal 1 ^

DTC Qty (1)

U144482

Implausible data were received from control unit "Radar sensorics". The instruction counter is not updated.

STORED

Right front suspension strut

Normal ▾

NBR-LF - Left Front Short Range Radar

Normal ▾

ES - Electrical Power Steering

Normal ▾

TPAD - Touchpad

Normal ▾

Disclaimer

This inspection report is for reference only. All data provided in this report is based on static data, detailed dynamic and/or live diagnostic data should be generated by a professional maintenance tool. Launch is not liable for any fault or accident caused thereby.